Wi-Fi CPE Configuration Manual

WIXFBR-105

In The Name Of God

CPE Configuration

- **WiMAX CPE can be configured in two modes:**

1. Bridge mode: In this mode the users should enter the WiMAX ID and password in WiMAX Portal each time they use the service.

2. Route mode: In this mode the users enter WiMAX ID and password only once and afterwards they will be automatically connected to the Internet simply by connecting the CPE to the computer.

- **Does change in the mode change my tariff plan?**

No, mode change is part of CPE configuration.

- **Should I pay extra amount for mode change?**

No. You are not supposed to pay any extra amount for mode change.

- **Is it possible to share CPE when the mode is changed?**

When the mode is changed from Bridge to Route, CPE can be shared. Please note that in this case WiMAX account is also shared (each user can not use its own WiMAX account) and dedicated bandwidth is divided between two accounts.

- **In case of mode change, is it possible to open timer window?**

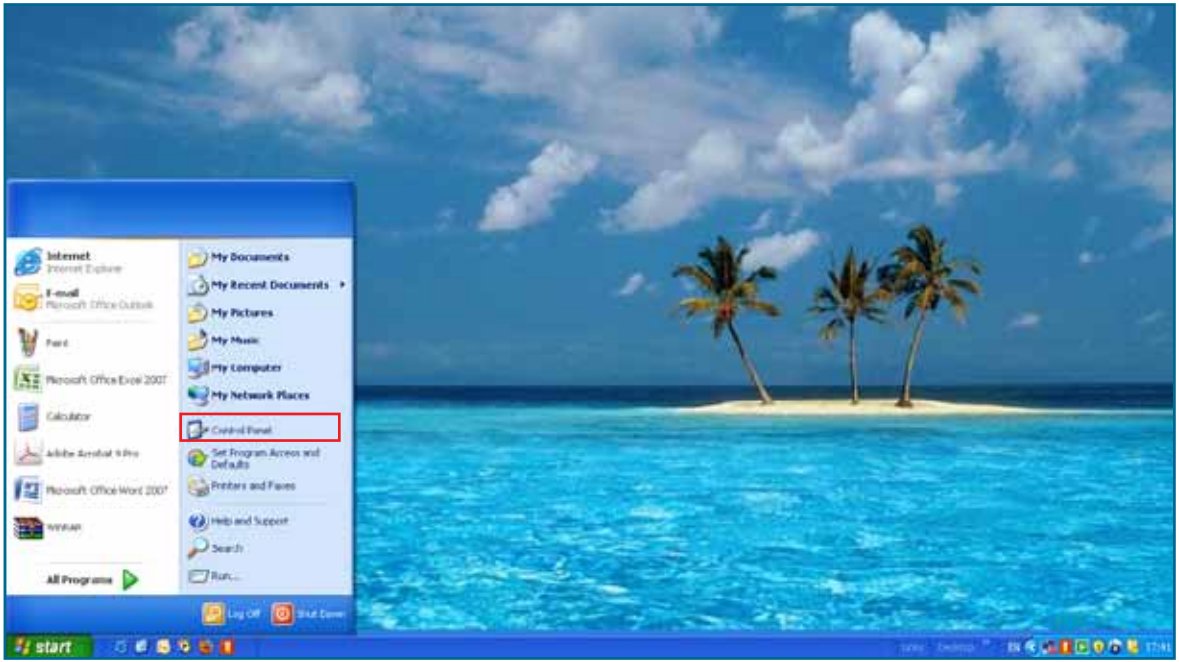
No, when the mode is changed from Bridge to Route, timer window will not be opened.

Changing mode from Bridge to Route and vice versa.

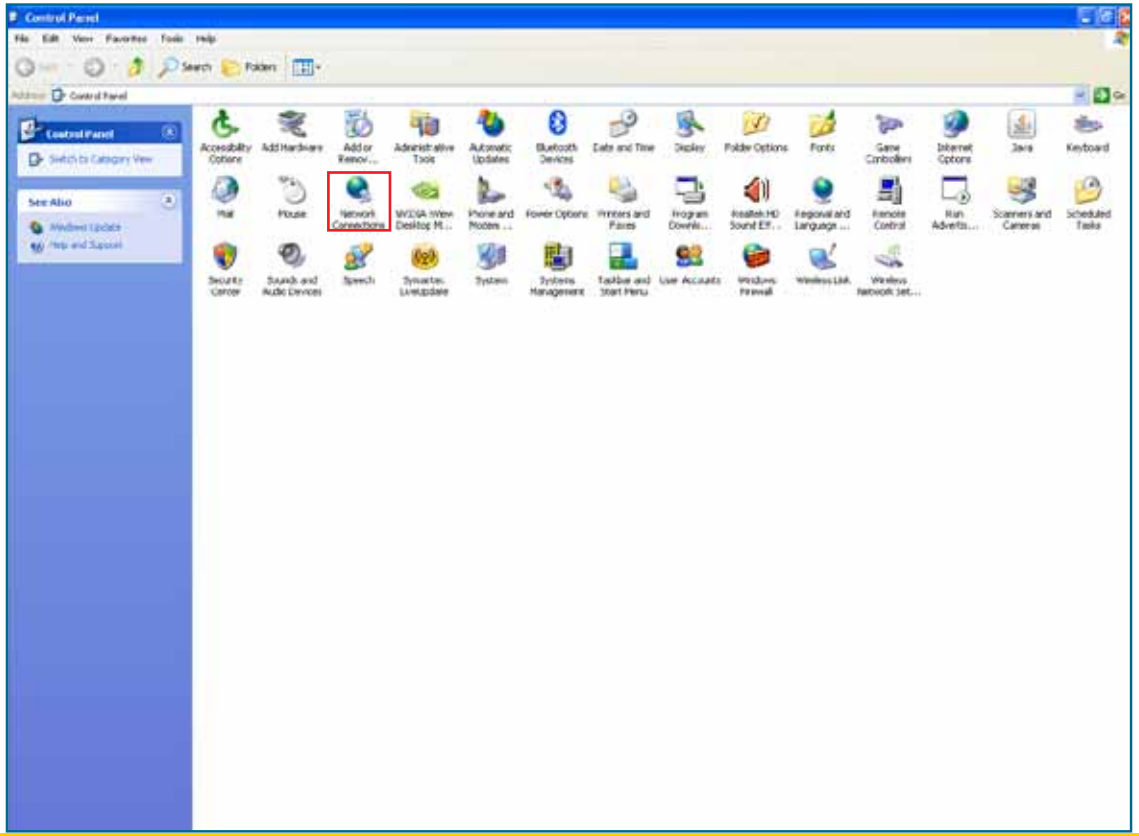
- **How can I change CPE configuration from Bridge mode to Route mode?**

If your CPE model is (WIXFBR-105), use the following way to change the mode:

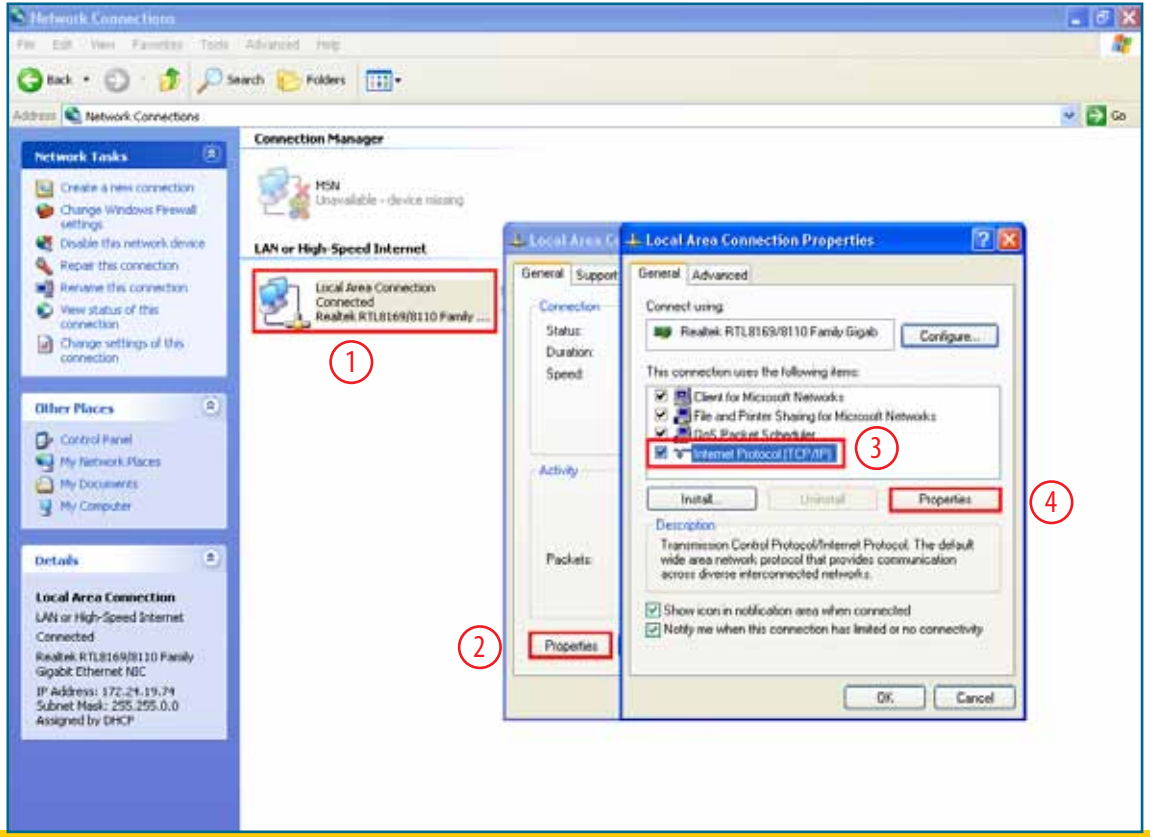
At first, set your IP configuration to manual. To do so, go to Control Panel from Start menu.



Open Network Connections.

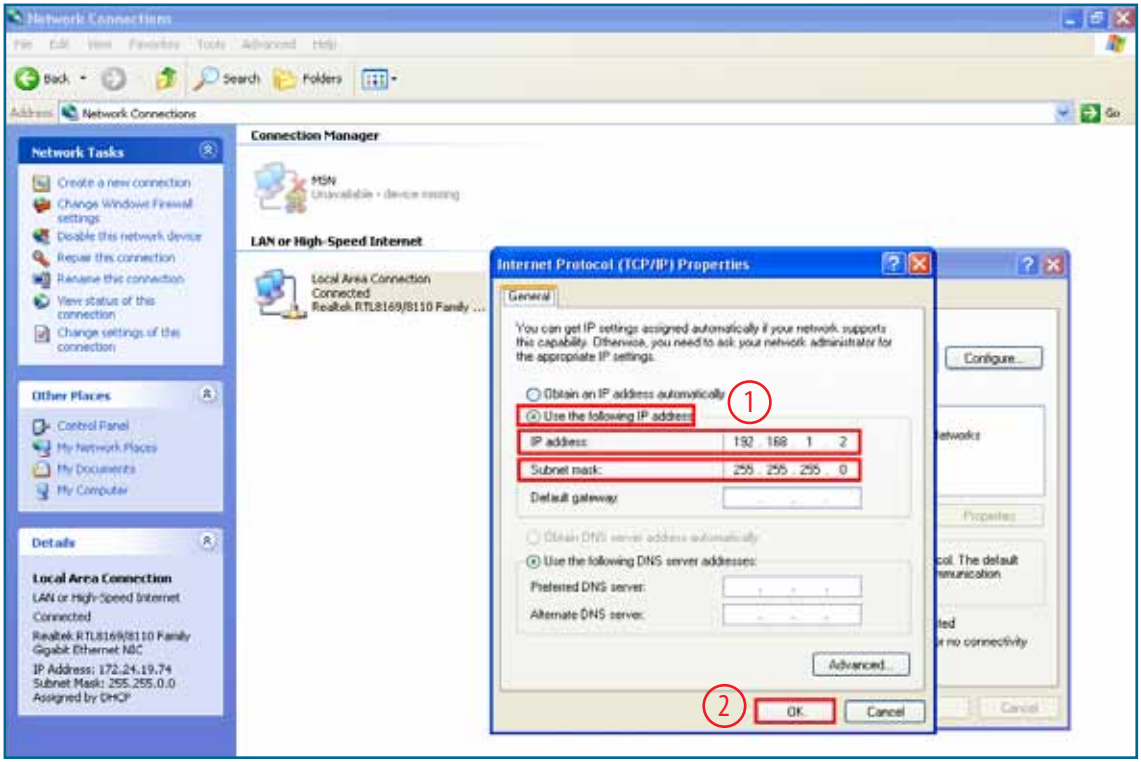


Click on Local Area Connection of your network card and follow the instructions.

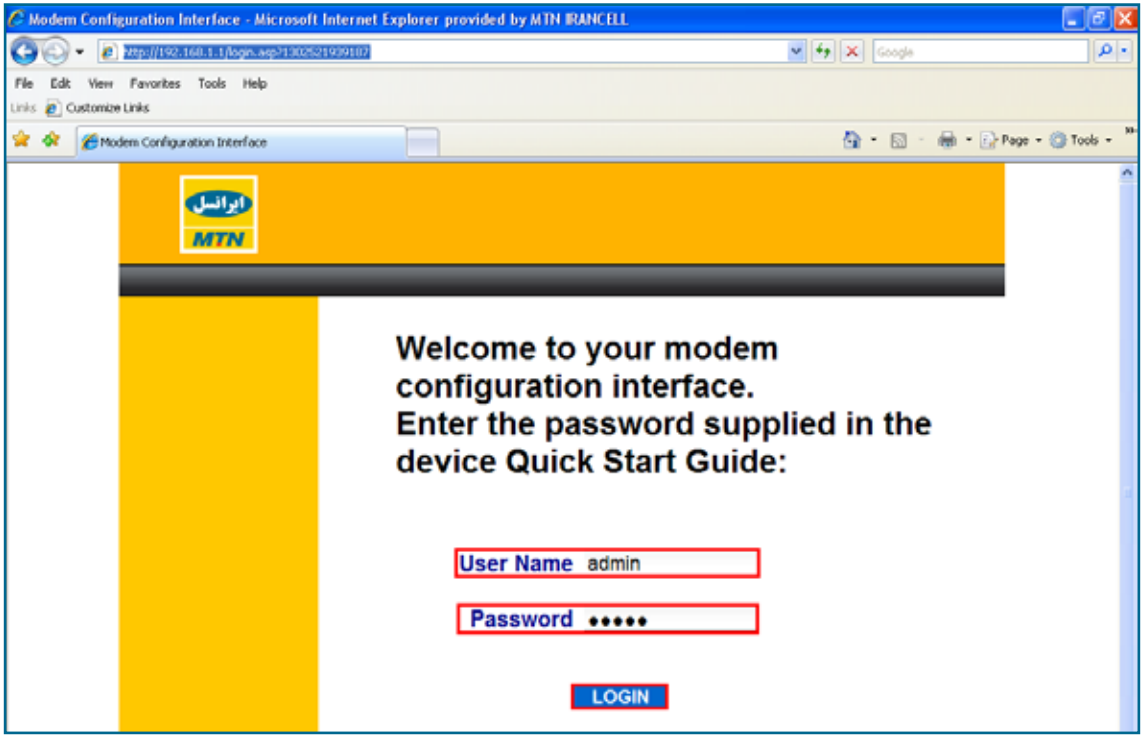


- For Wi-Fi CPE **(WIXFBR-105)**, enter ***192.168.1.**** for IP Address and ***255.255.255.0*** for Subnet Mask.

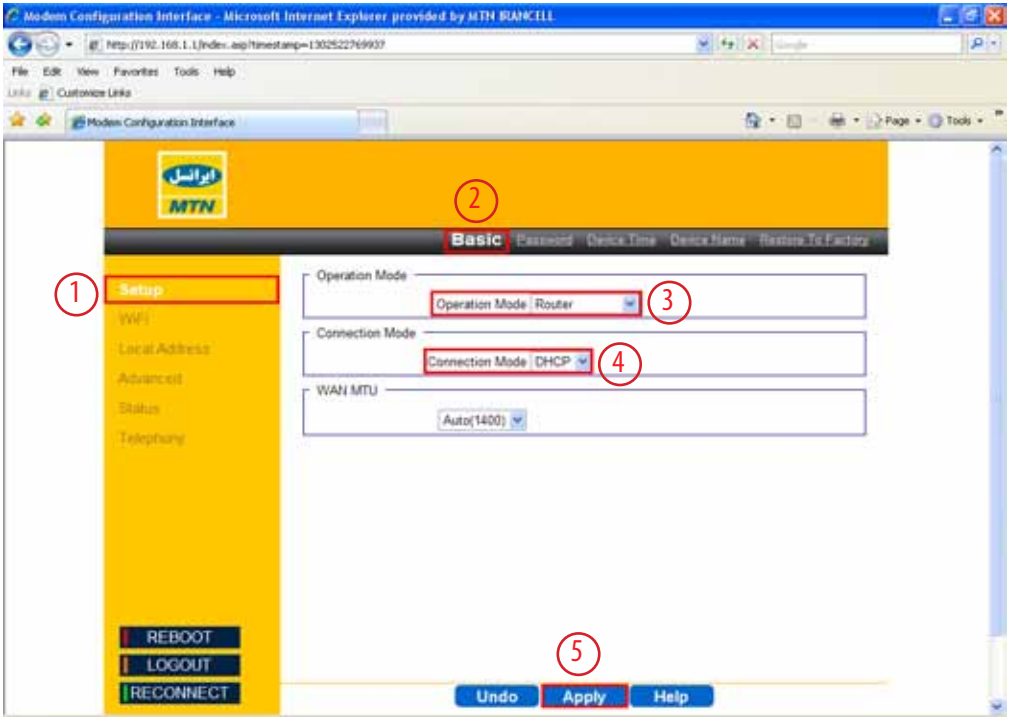
* any figure from 2 to 254.



- Open your web browser and type ***http://192.168.1.1*** in the address bar.
- In the opened page, write ***admin*** for both Username and Password.


Modem Configuration Interface - Microsoft Internet Explorer provided by MTN IRANCELL
File Edit View Favorites Tools Help
Links Customize Links
Modem Configuration Interface
Page Tools
MTN
Welcome to your modem configuration interface.
Enter the password supplied in the device Quick Start Guide:
User Name admin
Password
LOGIN

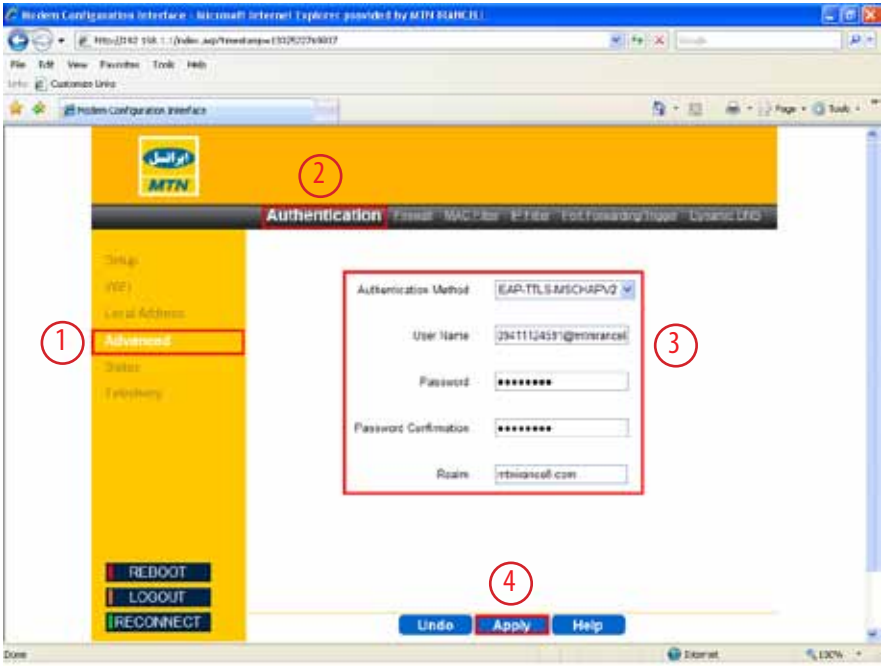
- Choose "Setup" from the left menu and then click on "Basic". In "Operation Mode" choose **"Router"** and in "Connection Mode" choose **"DHCP"**. Then click on Apply. The CPE will restart automatically.
- Note: restarting will take 60 seconds, please do not turn off the CPE during this time.



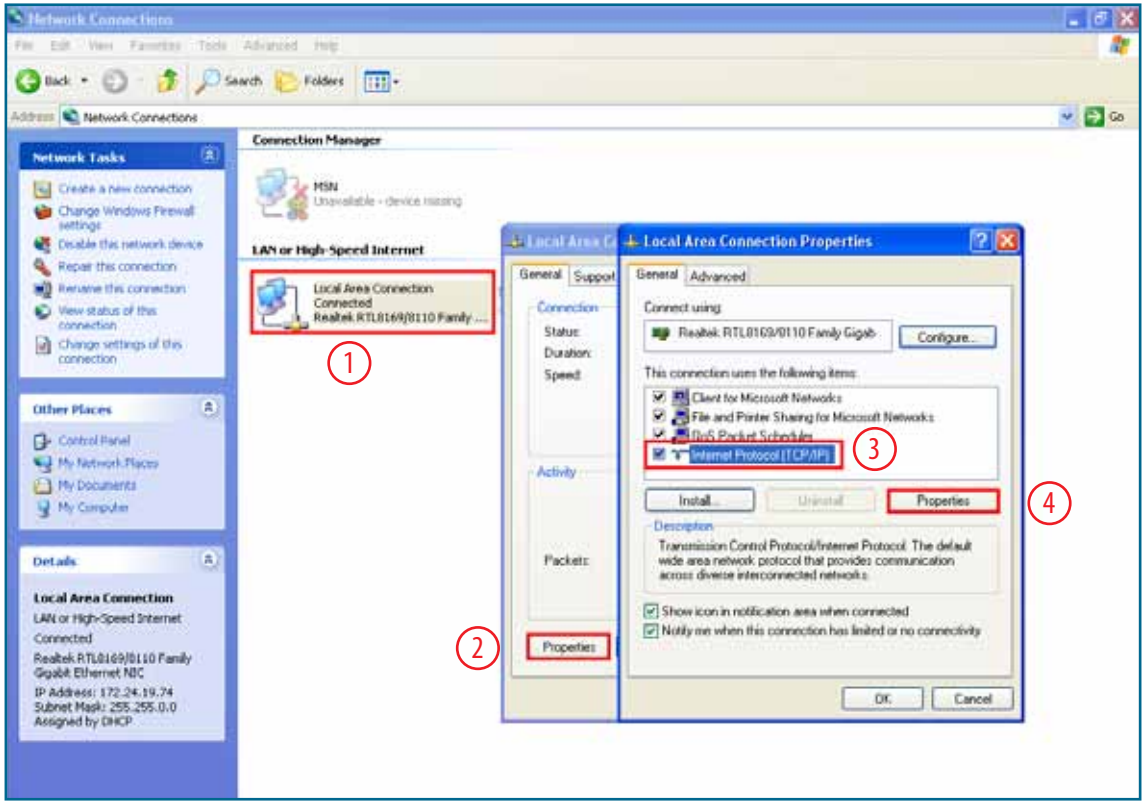
After restarting, go to Login page 8 and enter your Username / Password again.

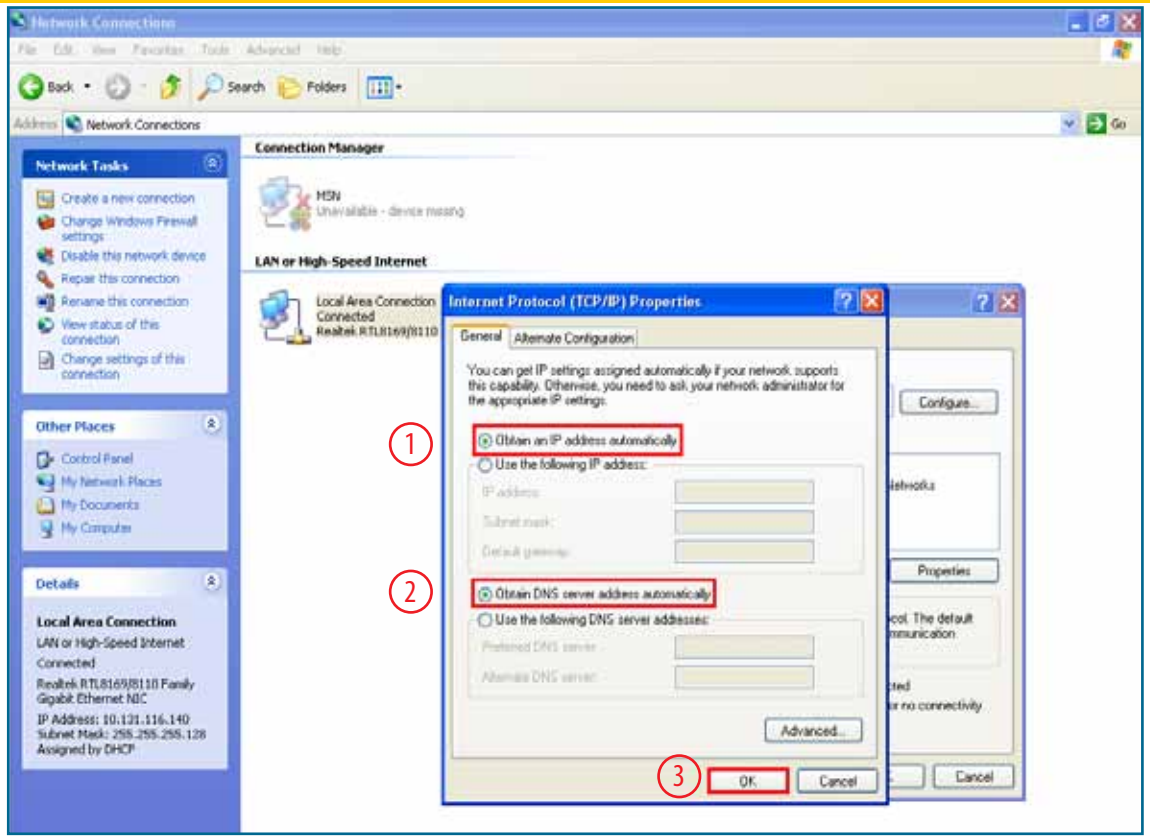
Go to "Advanced" on the left menu and choose "Authentication" from the top bar; then enter the following settings:

Authentication Method: ***EAP-TTLS-MSCHAPV2***
User Name: ***WiMAX ID@mtnirancell.com***
Password: ***WiMAX Password***
Password Confirmation: ***repeat Password***
Realm: ***mtnirancell.com***



Finally, bring back your IP configuration to automatic mode. To do so, click on Local Area Connection of your network card and follow the instructions.





The CPE is ready to use. Open your browser and start surfing the net.

- **How can I change CPE configuration from Route mode to Bridge mode?**

If your CPE model is **(WIXFBR-105)**, use the following way to change the mode:
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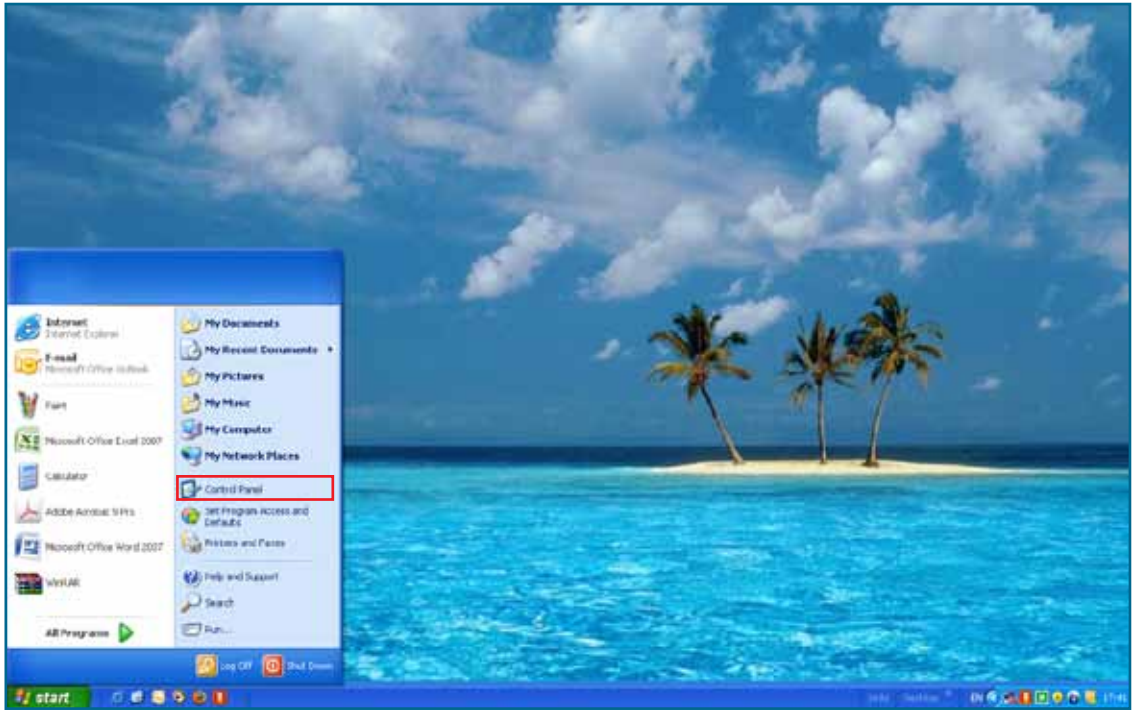
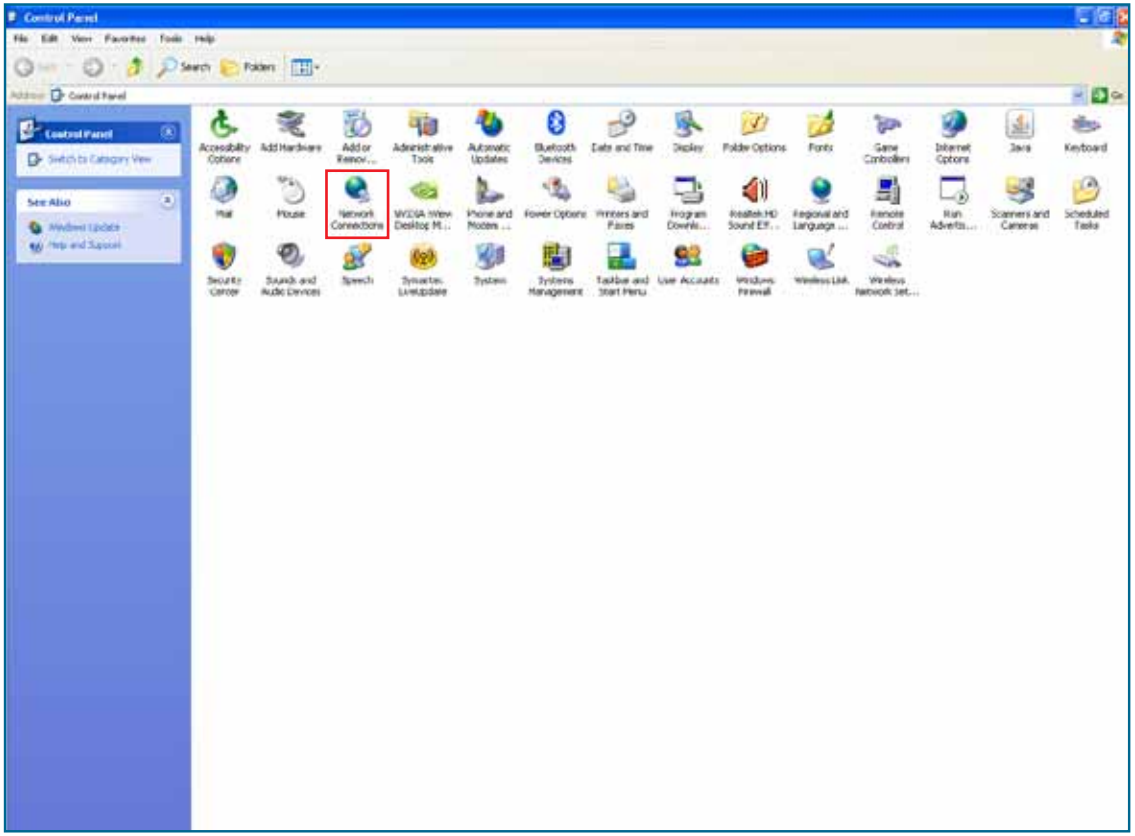
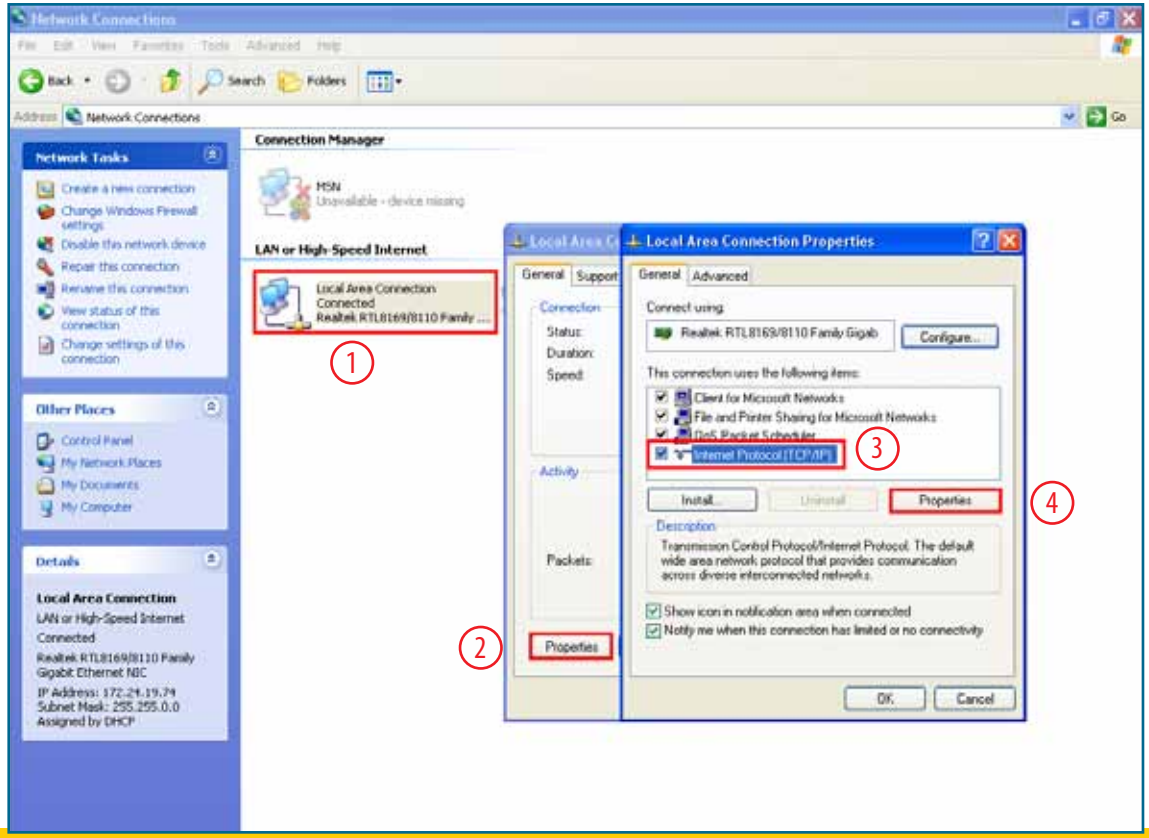


Open Network Connections.



Click on the Local Area Connection of your network card and follow the instructions.



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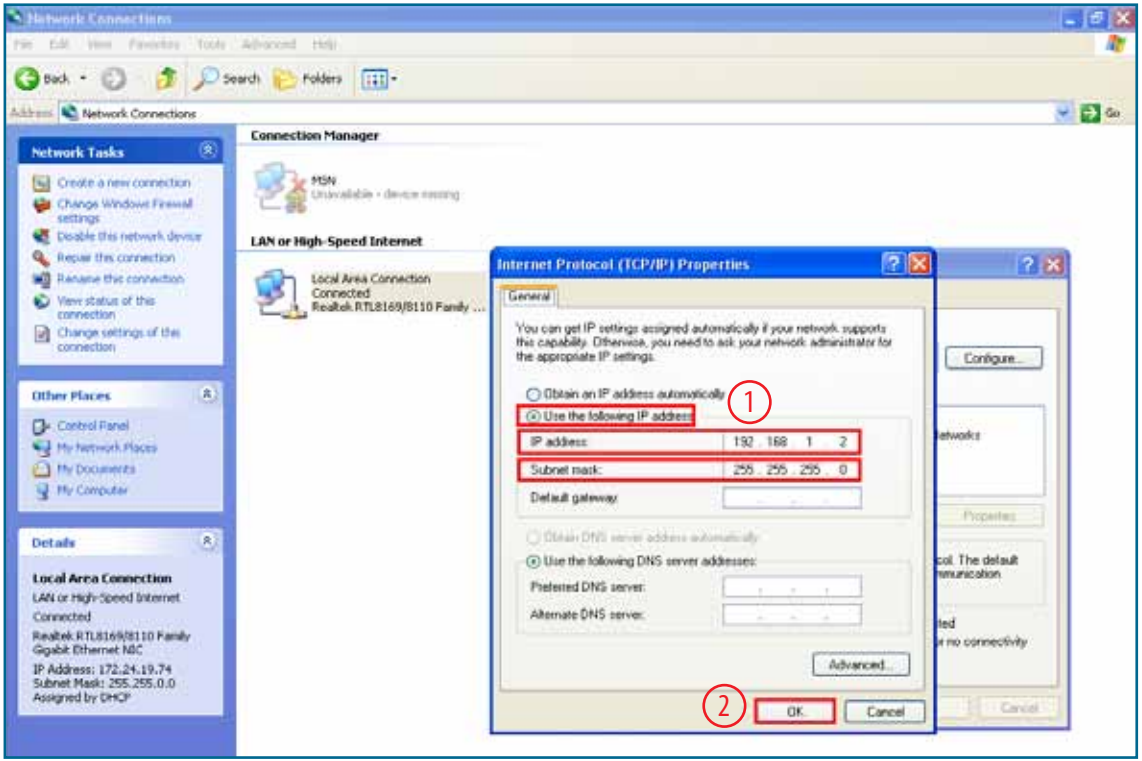

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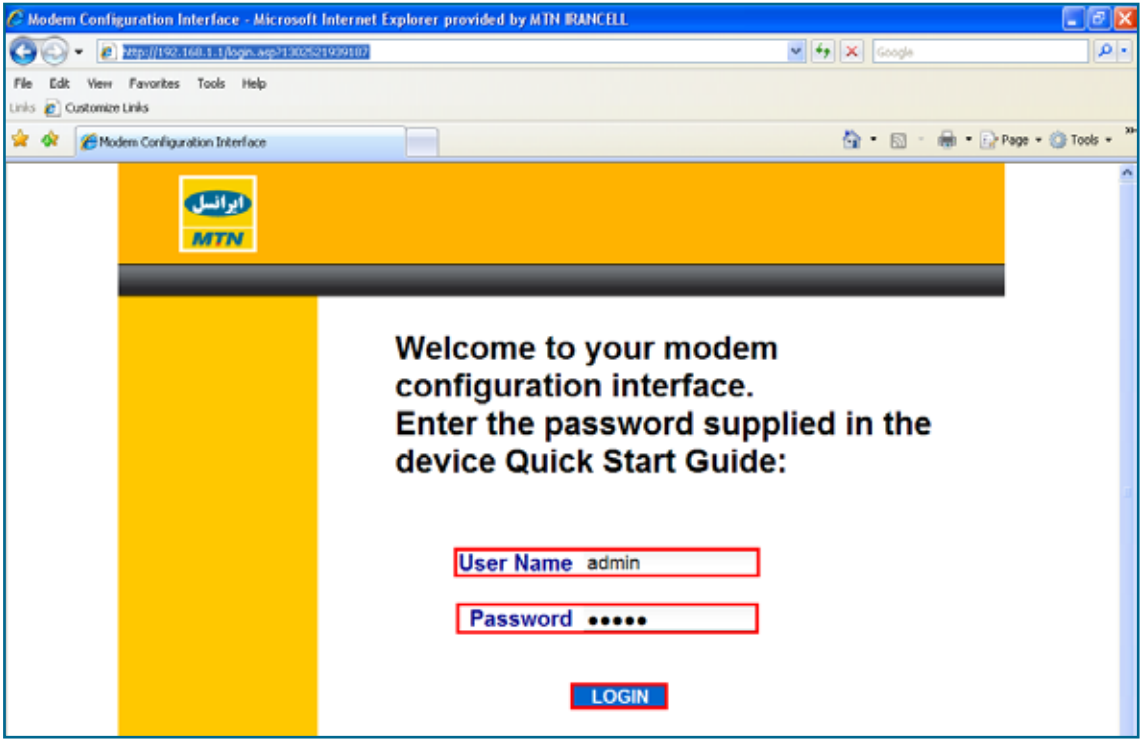
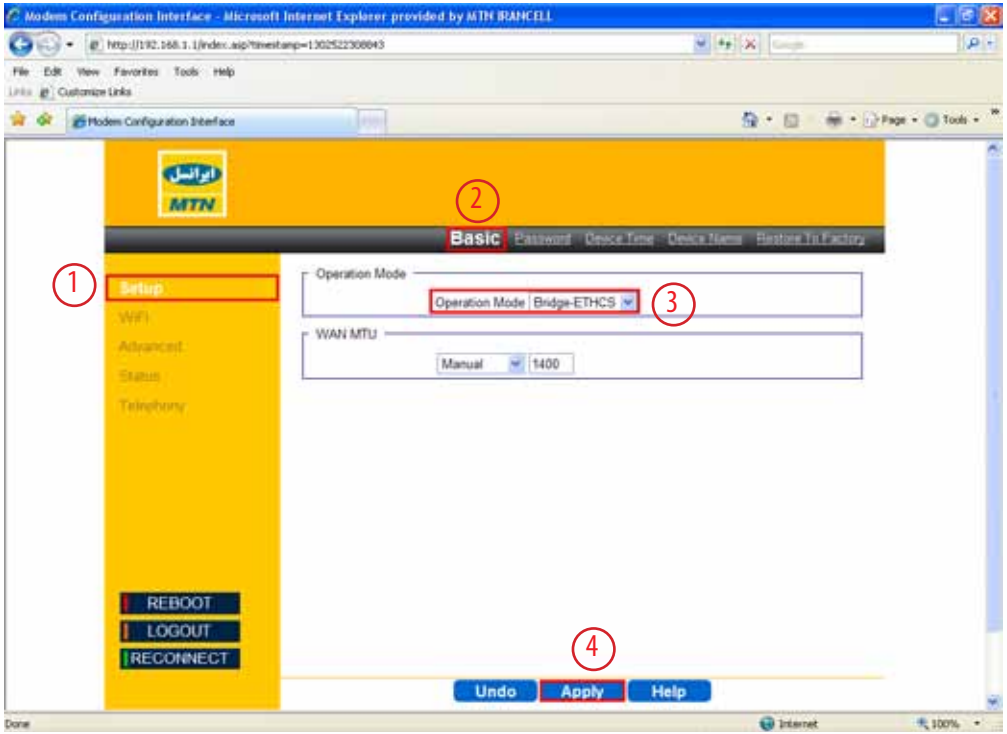

Modem Configuration Interface - Microsoft Internet Explorer provided by MTN IRANCELL
File Edit View Favorites Tools Help
Customize Links
Modem Configuration Interface
Page Tools
MTN
Welcome to your modem configuration interface.
Enter the password supplied in the device Quick Start Guide:
User Name admin
Password
LOGIN

Choose "Setup" from the left menu and then choose "Basic" from the top bar; at this point, the **Bridge-ETHCS** should be in Operation Mode. Now click on Apply. The CPE will restart automatically.
Note: restarting will take 60 seconds, please do not turn off the CPE during this time.

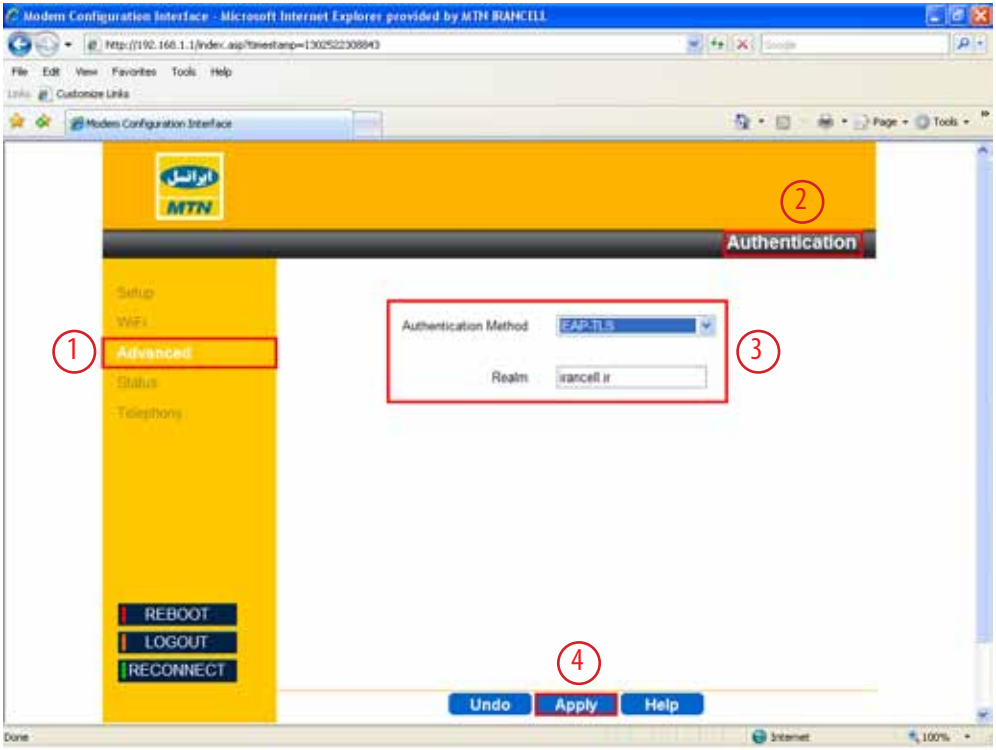


After restarting, go to Login page 17 and enter your Username / Password again.

Go to "Advanced" on the left menu and choose "Authentication" from the top bar; then enter the following settings:

Authentication Method: ***EAP-TLS***

Realm: ***irancell.ir***



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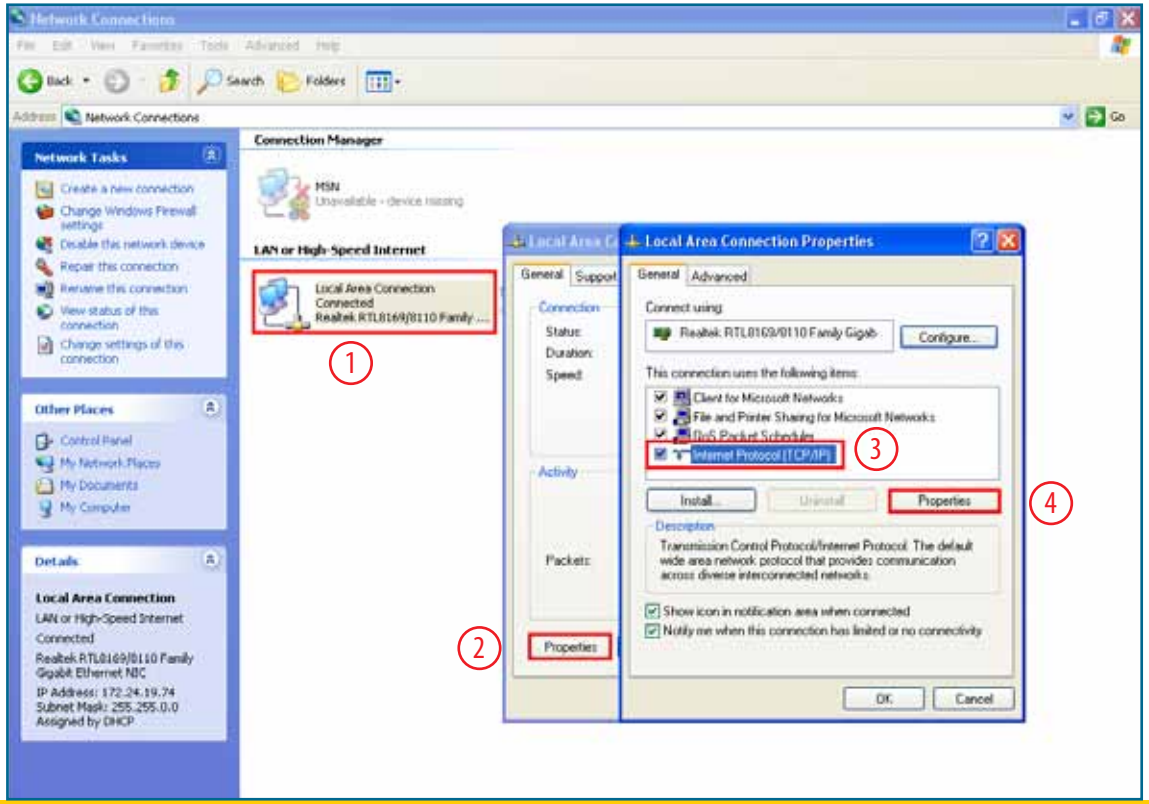

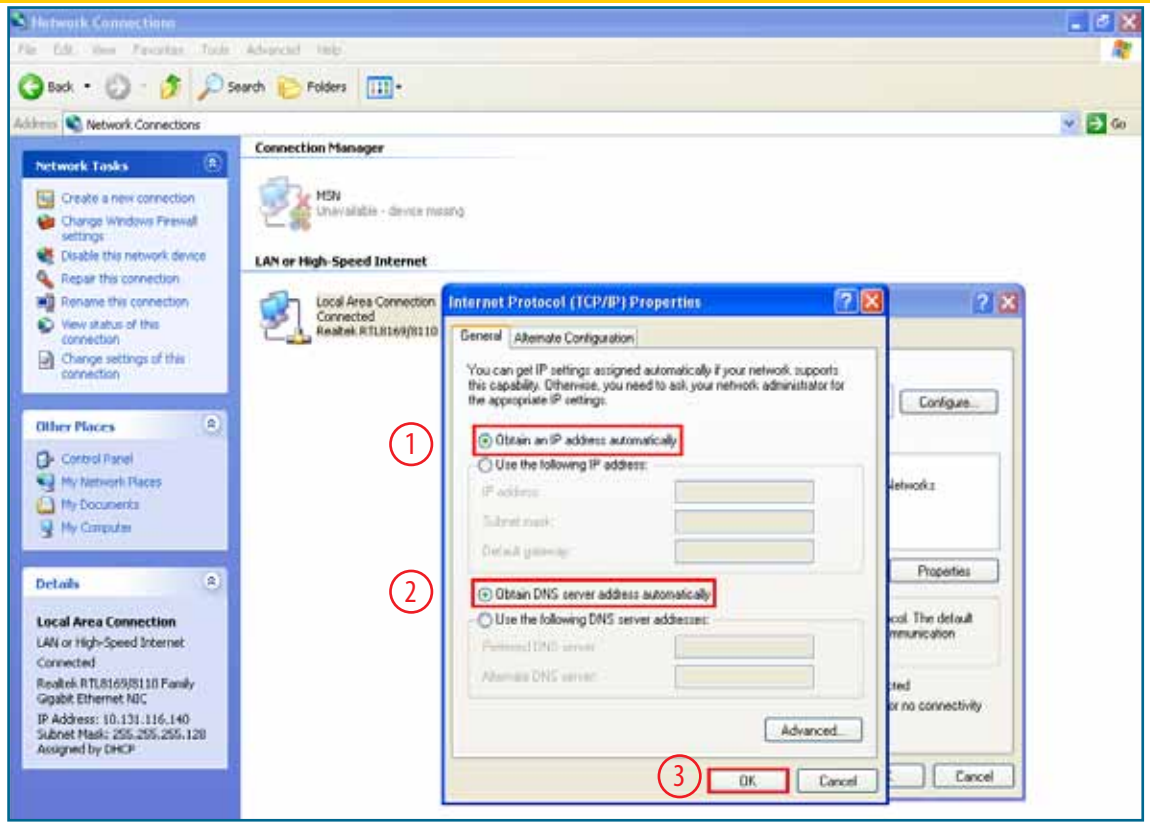

The CPE is ready to use. Open your browser, go to portal and enter WiMAX ID and password.